MOOG VIDEOLARM

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# FDW7CN-3

## Outdoor / Indoor PTZ Fusion Dome Mount

www.videolarm.com

### Installation and Operation Instructions for the following models:

| | |
|---|---|
| FDW7CN-3<br>**IFDW7CN-3 (Indoor)** | IP Network Ready 7" Outdoor FusionDome PTZ Camera System with 23x zoom Day/Night camera, wall mount, MPEG-4/ MJPEG video compression, full D1. Clear dome, with 24Vac input, heater/blower **(Outdoor only)** |
| FDP7CN-3<br>**IFDP7CN-3 (Indoor)** | IP Network Ready 7" Outdoor FusionDome PTZ Camera System with 23x zoom Day/Night camera, pendent mount, MPEG-4/ MJPEG video compression, full D1. Clear dome, with 24Vac input, heater/blower (**Outdoor only)** |
| FDW7CS-3<br>**IFDW7TS-3 (Indoor)** | **(Analog Version)** 7" Outdoor FusionDome PTZ Camera System with 23x zoom Day/Night camera, wall mount, MPEG-4/ MJPEG video compression, full D1. Clear dome, with 24Vac input, heater/blower **(Outdoor only)** |
| FDP7CS-3<br>**IFDP7CS-3 (Indoor)** | **(Analog Version)** 7" Outdoor FusionDome PTZ Camera System with 23x zoom Day/Night camera, pendent mount, MPEG-4/ MJPEG video compression, full D1. Clear dome, with 24Vac input, heater/blower **(Outdoor only)** |

**The unit is available in both tinted (T) and clear (C) Models**

Before attempting to connect or operate this product, please read these instructions completely.
To be used with the 81-IN5409 Instruction Manual.

81-IN5357
01-23-2012

## IMPORTANT SAFEGUARDS

1 Read these instructions.

2 Keep these instructions.

3 Heed all warnings

4 Follow all instructions.

5 Do not use this apparatus near water.

6 Clean only with damp cloth.

7 Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.

8 Cable Runs- All cable runs must be within permissible distance.

9 Mounting - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit.

**Accordingly:**

a. The installation should be made by a qualified installer.

b. The installation should be in compliance with local codes.

c. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit.

10 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus ( including amplifiers) that produce heat.

11 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

12 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

13 Only use attachment/ accessories specified by the manufacturer.

14 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

15 Unplug this apparatus during lighting storms or when unused for long periods of time.

16 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled of objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

## UNPACKING

**Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.**

**Be sure to save:**

**1 The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.**

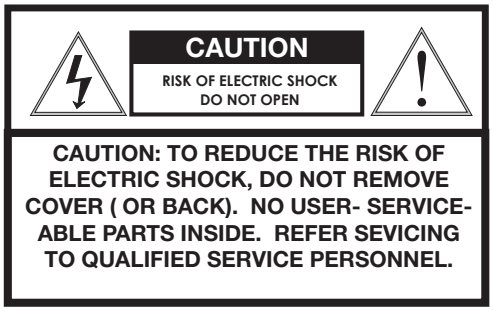
**2 These Installation and Operating Instructions.**

## SERVICE

If technical support or service is needed, contact us at the following number:

TECHNICAL SUPPORT
AVAILABLE 24 HOURS
**1 - 800 - 554 -1124**

## SAFETY PRECAUTIONS


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER ( OR BACK). NO USER- SERVICE-ABLE PARTS INSIDE. REFER SEVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk to persons.

Este símbolo se piensa para alertar al usuario a la presencia del “voltaje peligroso no-aislado” dentro del recinto de los productos que puede ser un riesgo de choque eléctrico.

Ce symbole est prévu pour alerter l’utilisateur à la presence “de la tension dangereuse” non-isolée dans la clôture de produits qui peut être un risque de choc électrique.

Dieses Symbol soll den Benutzer zum Vorhandensein der nicht-Isolier “Gefährdungsspannung” innerhalb der Produkteinschließung alarmieren die eine Gefahr des elektrischen Schlages sein kann.

Este símbolo é pretendido alertar o usuário à presença “di tensão perigosa non-isolada” dentro do cerco dos produtos que pode ser um risco de choque elétrico.

Questo simbolo è inteso per avvertire l’utente alla presenza “di tensione pericolosa” non-isolata all’interno della recinzione dei prodotti che può essere un rischio di scossa elettrica.

The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Este símbolo del punto del exclamation se piensa para alertar al usuario a la presencia de instrucciones importantes en la literatura que acompaña la aplicación.

Ce symbole de point d’exclamation est prévu pour alerter l’utilisateur à la presence des instructions importantes dans la littérature accompagnant l’appareil.

Dieses Ausruf Punktsymbol soll den Benutzer zum Vorhandensein de wichtigen Anweisungen in der Literatur alarmieren, die das Gerät begleitet.

Este símbolo do ponto do exclamation é pretendido alertar o usuário à presença de instruções importantes na literatura que acompanha o dispositivo.

Questo simbolo del punto del exclamaton è inteso per avvertire l’utente alla presenza delle istruzioni importanti nella letteratura che accompagna l'apparecchio.

USA PRIDE

# Limited Warranty for Moog Videolarm Products

**Moog Videolarm warrants these products to be free from defects in material or workmanship as follows:**

| PRODUCT CATEGORY | PARTS \ LABOR |
|---|---|
| All Enclosures and Electronics* | Five (5) Years |
| Poles/PolEvators™/CamEvator | Three (3) Years |
| Warrior Series™/Q-View™/IR Illuminators | Five (5) Years |
| SView Series™ | Five (5) Years **6 months if used in auto scan/tour operation |
| Controllers | Five (5) Years |
| Power Supplies | Five (5) Years |
| EcoKit | Three (3) Years |
| Accessory Brackets | Five (5) Years |
| Liberty Dome | Three (3) Years |
| *DeputyDome™, NiteTrac™, Igloo Dome, PurgeDome™ | Three (3) Years **6 months if used in auto scan/tour operation |

During the labor warranty period, to repair the Product, Purchaser will either return the defective product, freight prepaid, or deliver it to Moog Videolarm Inc. Decatur GA. The Product to be repaired is to be returned in either its original carton or a similar package affording an equal degree of protection with a RMA # (Return Materials Authorization number) displayed on the outer box or packing slip. To obtain a RMA# you must contact our Technical Support Team at 800.554.1124, extension 101. Moog Videolarm will return the repaired Product freight prepaid to Purchaser. Moog Videolarm is not obligated to provide Purchaser with a substitute unit during the warranty period or at any time. After the applicable warranty period, Purchaser must pay all labor and/or parts charges.

**The limited warranty stated in these product instructions is subject to all of the following terms and conditions.**

## TERMS AND CONDITIONS

**1. NOTIFICATION OF CLAIMS: WARRANTY SERVICE:** If Purchaser believes that the Product is defective in material or workmanship, then written notice with an explanation of the claim shall be given promptly by Purchaser to Moog Videolarm. All claims for warranty service must be made within the warranty period. If after investigation Moog Videolarm determines the reported problem was not covered by the warranty, Purchaser shall pay Moog Videolarm for the cost of investigating the problem at its then prevailing per incident billable rate. No repair or replacement of any Product or part thereof shall extend the warranty period of the entire Product. The specific warranty on the repaired part only shall be in effect for a period of ninety (90) days following the repair or replacement of that part or the remaining period of the Product parts warranty, whichever is greater.

**2. EXCLUSIVE REMEDY: ACCEPTANCE:** Purchaser's exclusive remedy and Moog Videolarm's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the warranty period and to supply, at no extra charge, new or rebuilt replacements for defective parts.

**3. EXCEPTIONS TO LIMITED WARRANTY:** Moog Videolarm shall have no liability or obligation to Purchaser with respect to any Product requiring service during the warranty period which is subjected to any of the following: abuse, improper use, negligence, accident, lightning damage or other acts of God (i.e., hurricanes, earthquakes), modification, failure of the end-user to follow the directions outlined in the product instructions, failure of the end-user to follow the maintenance procedures recommended by the International Security Industry Organization, written in product instructions, or recommended in the service manual for the Product. Furthermore, Moog Videolarm shall have no liability where a schedule is specified for regular replacement or maintenance or cleaning of certain parts (based on usage) and the end-user has failed to follow such schedule; attempted repair by non-qualified personnel; operation of the Product outside of the published environmental and electrical parameters, or if such Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. Moog Videolarm excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS and excludes used Products which have not been sold by Moog Videolarm to the Purchaser. All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product. Any cost associated with removal of defective product and installation of replacement product is not included in this warranty.

**4. PROOF OF PURCHASE:** The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility.

### DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, Moog Videolarm HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY AND/OR ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE AND/OR IN ANY OTHER COMPARABLE STATE STATUTE. Moog Videolarm HEREBY DISCLAIMS ANY REPRESENTATIONS OR WARRANTY THAT THE PRODUCT IS COMPATIBLE WITH ANY COMBINATION OF NON-Moog Videolarm PRODUCTS OR NON-Moog Videolarm RECOMMENDED PRODUCTS PURCHASER MAY CHOOSE TO CONNECT TO THE PRODUCT.

### LIMITATION OF LIABILITY

THE LIABILITY OF Moog Videolarm, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL Moog Videolarm BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.

# Electrical Specifications

**FDW7CN-3**
**FDW7CS-3**
**FDP7CN-3**
**FDP7CS-3**
*** IFDW7CN-3**
*** IFDP7CN-3**

Power 24VAC
Class 2 Only

English

24 VAC
80 Watts
Accessories: Heater: 50 Watts, Blower: 2 Watt
Camera Power: (See Camera Specifications): 28 Watts Max
Tools Required: .100" Flat Head Screwdriver
Phillips Head Screwdriver

Español

24 VAC
80 Vatios
De Accesorios: Calentador: 50 Watts, Blower: 2 Vatio
Energía De la Cámara fotográfica De : (Véase Las
Especificaciones De la Cámara fotográfica): 28 Vatios
De Herramientas Máximas
Requeridas: Destornillador Principal Phillips Del Destornillador
Principal Plano Del 100"

Français

24 VCA
80 Watts
D'Accessoires : Réchauffeur : 50 Watts, Ventilateur : 2 watts.
Puissance D'Appareil-photo : (Voir Les Caractéristiques
D'Appareil-photo) : 28 Watts De Maximum
Les Outils Ont exigé : Tournevis Principal Phillips De Tournevis
Principal Plat De 100".

Deutsch

24 VAC
80 Watt
Zusatzgerät: Heizung: 50 Watts, Blower: 2
Watt-Kamera-Energie: (Sehen Sie Kamera-Spezifikationen):
28 Watt Maximale Werkzeug-Erfordert: 100"Flacher
Hauptschraubenzieher-Kreuzkopfhauptschraubenzieher

Portuguese

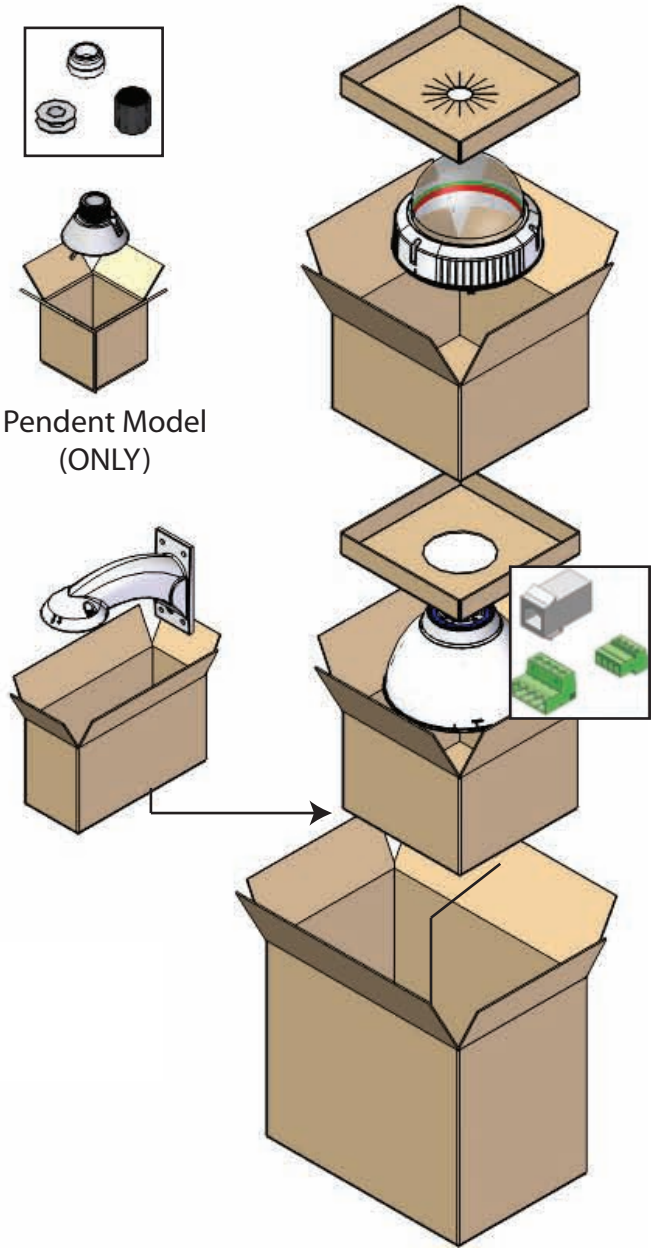
24 VAC
80 Watts
De Acessórios: Calefator: 50 Watts, Blower: 2 Watt
Poder Da Câmera De : (Veja Especificações Da Câmera):
28 Watts De Ferramentas Máximas Requereram: Chave de
fenda Principal Phillips Da Chave de fenda Principal Lisa Do 100"

Italiano

24 VCA
80 Watt
Di Accessori: Riscaldatore: 50 Watts, Blower: 2 Watt
Alimentazione Della Macchina fotografica Da :
(Veda Le Specifiche Della Macchina fotografica): 28 Watt
Di Attrezzi Massimi Hanno richiesto: Cacciavite Capo "phillips"
Del Cacciavite Capo Piano Del 100"

*** INDOOR UNITS DO NOT INCLUDE HEATER/BLOWER**

# Contents of Box

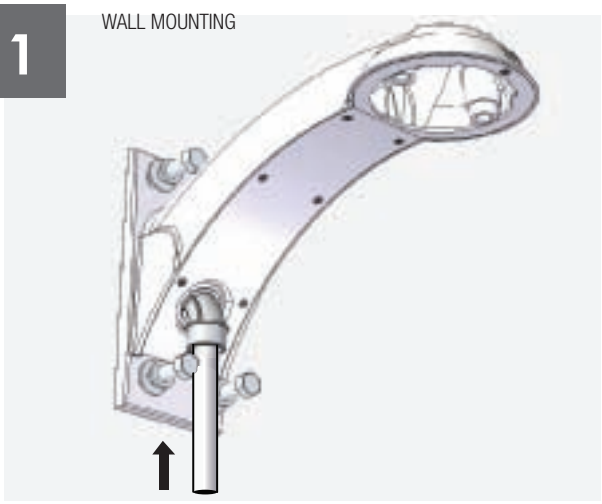


Pendent Model
(ONLY)

*** Pan Tilt boxed separately along with its instructions.
* Pan/Tilt unit boxed separately

## 1

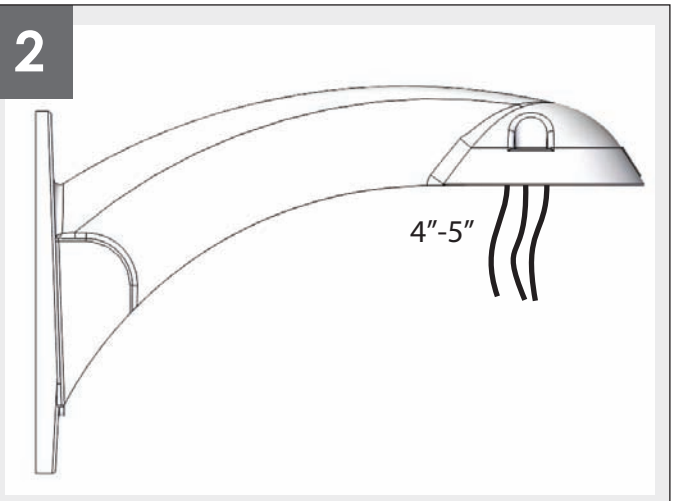
WALL MOUNTING



**Bracket is designed for 45° conduit fitting (If using the conduit). Run wire into bracket, secure to wall.**

- El soporte se diseña para la guarnición del conducto 45° (si usa el conducto). Funcione con el alambre en el soporte seguro para emparedar.
- La parenthèse est conçue pour l'ajustage de précision du conduit 45° (si à l'aide du conduit). Courez le fil dans la parenthèse bloquée pour murer.
- Haltewinkel ist für Befestigung des Rohres 45° bestimmt (wenn das Rohr verwendet wird). Lassen Sie Draht in den Haltewinkel laufen, der, um zu ummauern sicher ist.
- O suporte é projetado para o encaixe da canalização 45° (se usando a canalização). Funcione o fio no suporte seguro para murar.
- La staffa è progettata per il montaggio del condotto 45° (se per mezzo del condotto). Faccia funzionare il legare nella staffa sicura per murare.

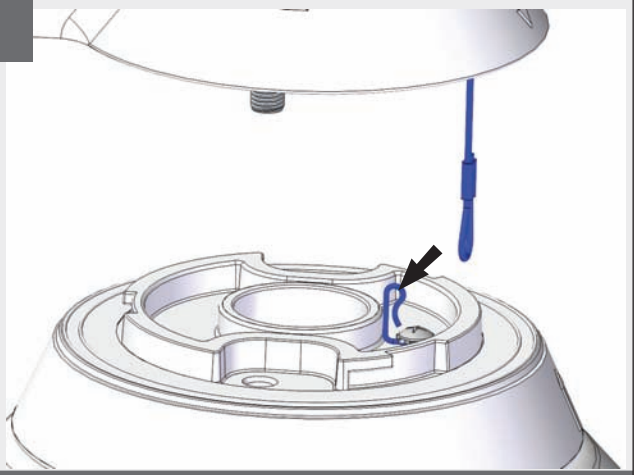
## 2




**Trim incoming control & power wires to 4"- 5", for either wall or pendent bracket.**

- & entrante del control del ajuste; accione los alambres a 4" - 5", para la pared o el soporte pendiente.
- & entrant de commande d'équilibre ; actionnez les fils à 4 » - 5 », pour le mur ou la parenthèse en suspens.
- Ankommendes & Steuer der Ordnung; antreiben Sie Drähte bis 4" - 5", entweder für Wand oder pendent Haltewinkel r.
- & entrante do controle da guarnição; pnha fios a 4" - 5", para a parede ou o suporte pendent.
- & ricevuto di controllo della disposizione; alimenti i legare a 4„ - 5„, per la parete o la staffa pendent.

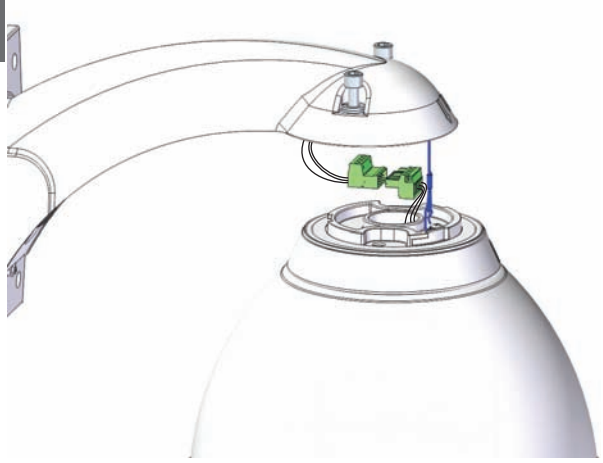
## 3



**Secure lanyard to lanyard clip.**

- Asegure el acollador al clip del acollador.
- Fixez la lanière à l'agrafe de lanière.
- Befestigen Sie Abzuglinie an Abzuglinieclip.
- Fixe o colhedor ao grampo do colhedor.
- Assicuri la cordicella alla clip della cordicella.

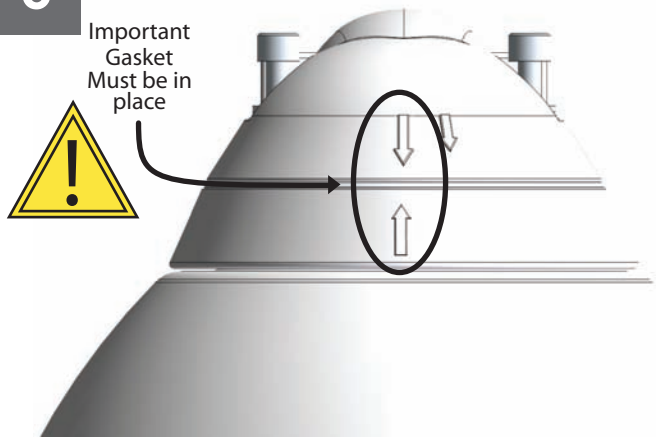
## 4



**Complete *ALL* wiring connections.**

- Termine TODAS LAS conexiones del cableado.
- Accomplissez TOUS LES raccordements de câblage.
- Schließen Sie ALLE Verdrahtungsanschlüsse ab.
- Termine TODAS AS conexões da fiação.
- Completi TUTTI I collegamenti dei collegamenti.

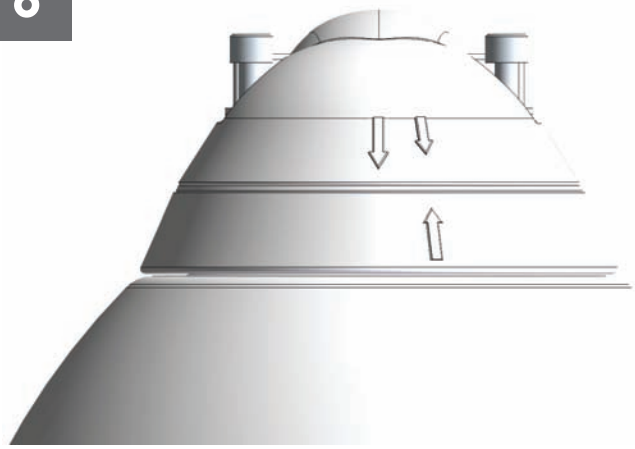
## 5




### Align large arrows.

- Alinee las flechas grandes.
- Alignez les grandes flèches.
- Richten Sie große Pfeile aus.
- Alinhe grandes setas.
- Allini le grandi frecce.

## 6



### To lock, turn clockwise.

- Para trabarse, dar vuelta a la derecha.
- Pour fermer à clef, tourner dans le sens des aiguilles d'une montre.
- Zu sich verriegeln, nach rechts drehen.
- Para travar, para girar no sentido horário.
- Per per chiudere, girare in senso orario.

## 7

### Secure with ¼" Allen wrench.

- Asegure con la llave Allen del ¼".
- Fixez clé Allen avec de ¼ ».
- Sichern Sie mit ¼" Inbusschlüssel.
- Fixe com chave Allen do ¼ de".
- Fissi con chiave di Allen del ¼„.

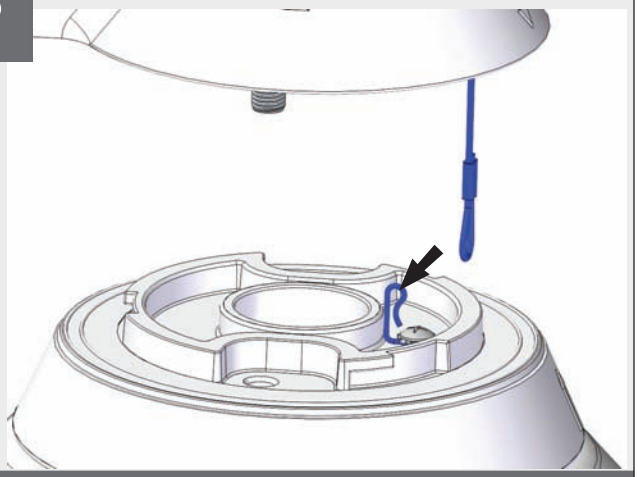
## 8

FOR PENDENT/
WALL MOUNTING

**Trim incoming control and power wires to 4-5" for either wall or pendent bracket.**

- Ajuste los alambres entrantes del control y de la energía a 4-5" para la pared o el soporte pendiente.
- Équilibrez les fils entrants de commande et de puissance à 4-5 » pour le mur ou la parenthèse en suspens.
- Trimmen Sie ankommende Steuer- und Energiendrähte bis 4-5" entweder für Wand oder pendent Haltewinkel.
- Apare fios entrantes do controle e do poder a 4-5" para a parede ou o suporte pendent.
- Assetti i legare ricevuti di potere e di controllo a 4-5„ per la parete o la staffa pendent.

## 9



**Secure lanyard to lanyard clip.**

- Asegure el acollador al clip del acollador.
- Fixez la lanière à l'agrafe de lanière.
- Befestigen Sie Abzuglinie an Abzuglinieclip.
- Fixe o colhedor ao grampo do colhedor.
- Assicuri la cordicella alla clip della cordicella.

## 10

**Complete all wiring connections (coax wire not supplied).**

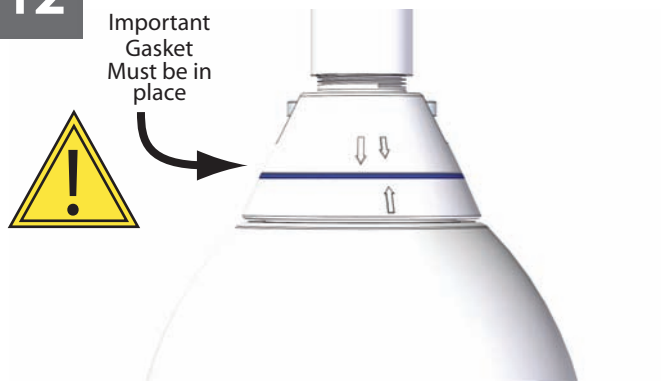
- Termine todas las conexiones del cableado (alambre coaxil no suministrado).
- Accomplissez tous les raccordements de câblage (fil coaxial non fourni).
- Schließen Sie alle Verdrahtungsanschlüsse ab (koaxialer Draht nicht geliefert).
- Termine todas as conexões da fiação (fio co-axial não fornecido).
- Completi tutti i collegamenti dei collegamenti (legare coassiale non fornito).

## 11

### Align large arrows.

- Alinee las flechas grandes.
- Alignez les grandes flèches.
- Richten Sie große Pfeile aus.
- Alinhe grandes setas.
- Allini le grandi frecce.

## 12




### To lock, turn clockwise.

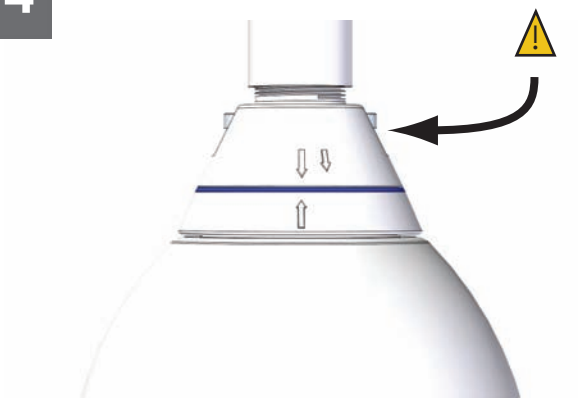
- Para trabarse, dar vuelta a la derecha.
- Pour fermer à clef, tourner dans le sens des aiguilles d'une montre.
- Zu sich verriegeln, nach rechts drehen.
- Para travar, para girar no sentido horário.
- Per per chiudere, girare in senso orario.

## 13

### Secure with ¼" Allen wrench.

- Asegure con la llave Allen del ¼".
- Fixez clé Allen avec de ¼".
- Sichern Sie mit ¼" Inbusschlüssel.
- Fixe com chave Allen do ¼ de".
- Fissi con chiave di Allen del ¼".

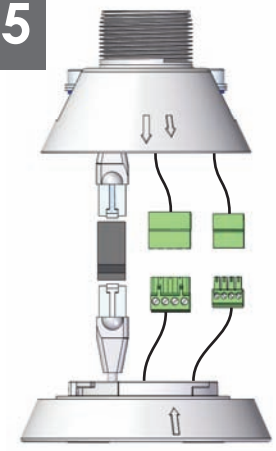
## 14



### To loosen - unscrew bolts ½" turn counter clockwise.

- Para aflojar - desatornille a la derecha contrario de la vuelta del ½ de los pernos".
- Pour se desserrer - dans le sens des aiguilles d'une montre de tour dévissez de boulons ½ » contre-.
- Um sich zu lösen - schrauben Sie Schraubbolzen ½" Umdrehungs-Gegenrechtses herum ab.
- Para afrouxar - desaparafuse sentido horário contrário volta do ½ dos parafusos da".
- Per allentare - sviti in senso orario di girata del ½ dei bulloni„ contro.

## 15



NETWORK:

RJ45

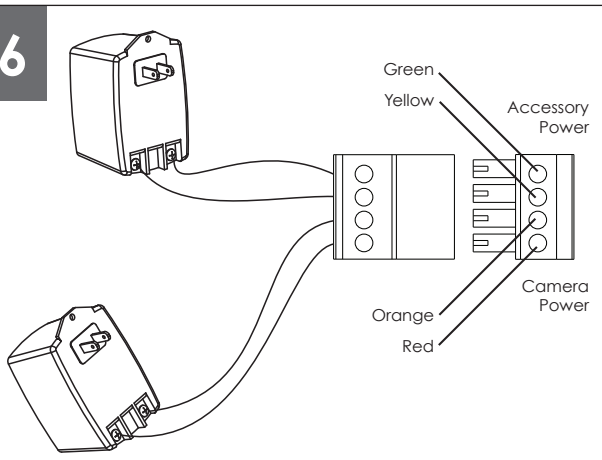
| 24VAC | | | POWER |
|---|---|---|---|
| 1 | Camera | Red | Max 28 Watts |
| 2 | Camera | Orange | |
| 3 | Heater/Blower | Yellow | 52 Watts |
| 4 | Heater/Blower | Green | |

| 1/0 | | |
|---|---|---|
| 1 | Alarm 1 | Blue |
| 2 | Alarm 2 | Violet |
| 3 | Alarm 3 | Gray |
| 4 | Common | White |

**Make the appropriate male and female connections. Indoor model does not include pre-run cables.**

- Haga las conexiones masculinas y femeninas apropiadas. El modelo de interior no incluye pre-funciona los cables.
- Établissez les rapports masculins et femelles appropriés. Le modèle d'intérieur n'inclut pas pré-courent des câbles.
- Stellen Sie die passenden männlichen und weiblichen Beziehungen her. Innenmodell schließt nicht vor-laufen lassen Kabel ein.
- Faça as conexões masculinas e fêmeas apropriadas. O modelo indoor não inclui pre-funciona cabos.
- Faccia i collegamenti maschii e femminili adatti. Il modello dell'interno non include pre-fa funzionare i cavi.

## 16




**Camera = red & orange wires to terminal**
**Heater/Blower = yellow & green wires to terminal**

- Cámara fotográfica = alambres rojos y anaranjados al terminal Heater/Blower = alambres del amarillo y del verde al terminal
- Appareil-photo = fils rouges et oranges à la borne Heater/Blower = fils de jaune et de vert à la borne
- Kamera = rote u. orange Leitungen zum Anschluß Heater/Blower = Gelb- u. Grünleitungen zum Anschluß
- Câmera = fios vermelhos & alaranjados ao terminal Heater/Blower = fios do amarelo & do verde ao terminal
- Macchina fotografica = legare rossi & arancioni al terminale Heater/Blower = legare di verde & di colore giallo al terminale

## 17

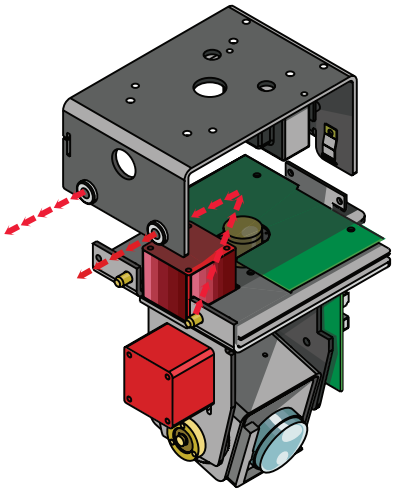
Wire Gauge

| Total vA consumed | ,5 | ,75 | 1,0 | 1,5 | 2,5 | 4 | 6 | MM² |
|---|---|---|---|---|---|---|---|---|
| | 22 | 20 | 18 | 16 | 14 | 12 | 10 | AWG |
| 5.5 | ft / m | 400 / 121 | 600 / 182 | 960 / 292 | - | - | - | |
| 10 | 120 / 36.5 | 180 / 54.9 | 300 / 91.4 | 480 / 146 | 800 / 243 | 1300 / 396 | - | |
| 20 | 89 / 27.1 | 141 / 43.0 | 225 / 68.6 | 358 / 109 | 571 / 174 | 905 / 275 | 1440 / 438 | |
| 30 | 65 / 19.8 | 90 / 27.4 | 130 / 39.6 | 225 / 68.6 | 350 / 106 | 525 / 160 | 830 / 252 | |
| 40 | 44 / 13.4 | 70 / 21.3 | 112 / 34.1 | 179 / 54.6 | 285 / 86.9 | 452 / 138 | 720 / 219 | |
| 50 | 35 / 10.6 | 56 / 17.1 | 90 / 27.4 | 143 / 43.6 | 228 / 69.5 | 362 / 110 | 576 / 175 | |
| 60 | 29 / 9.4 | 47 / 14.3 | 75 / 22.9 | 119 / 36.2 | 190 / 57.9 | 301 / 91.7 | 480 / 146 | |
| 70 | 25 / 8.8 | 40 / 12.2 | 64 / 19.5 | 102 / 31.1 | 163 / 49.7 | 258 / 78.6 | 411 / 125 | |
| 80 | 31 / 7.6 | 34 / 10.3 | 55 / 16.8 | 85 / 25.9 | 140 / 42.7 | 215 / 65.5 | 340 / 103 | |

**These are recommended maximum distances for 24VAC with a 10% voltage drop.**

- Éstos se recomiendan las distancias máximas para 24VAC con una gota del voltage del 10%.
- Ceux-ci sont recommandés des distances maximum pour 24VAC avec une chute de tension de 10%.
- Diese werden maximale Abstände für 24VAC mit einem 10% Spannungsabfall empfohlen.
- Estes são recomendados distâncias máximas para 24VAC com uma queda de tensão de 10%.
- Questi sono suggeriti distanze massime per 24VAC con una differenza de potenziale di 10%.

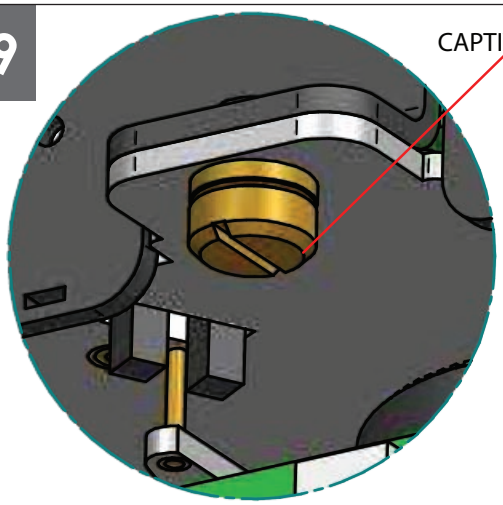
## 18



**Remove Pan/Tilt from shipping carton. Install in base bracket in housing.**

- Quite Pan/Tilt del cartón del envío. Instale en soporte bajo en la cubierta.
- Enlevez Pan/Tilt du carton d'expédition. Installez dans la parenthèse basse dans le logement.
- Entfernen Sie Pan/Tilt vom Verschiffenkarton. Bringen Sie in niedrigen Haltewinkel im Gehäuse an.
- Remova Pan/Tilt da caixa do transporte. Instale no suporte baixo na carcaça.
- Rimuova Pan/Tilt dalla scatola di trasporto. Installi in staffa bassa in alloggiamento.

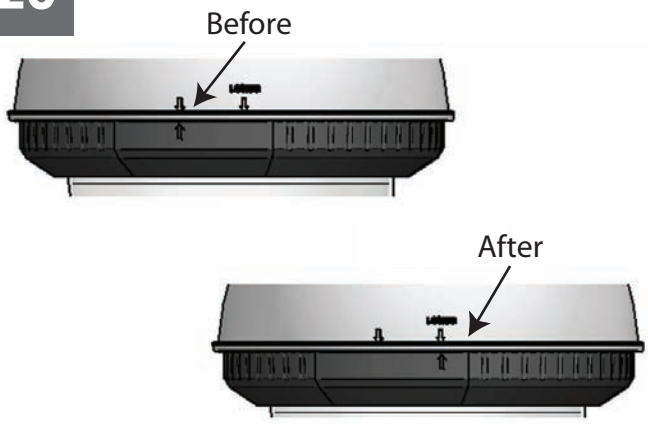
## 19




**To secure in place, tighten captive screw.**

- Para asegurar en lugar, apriete el tornillo prisionero.
- Pour fixer en place, serrez la vis captive.
- Um im Platz zu sichern, ziehen Sie Sicherheitsschraube fest.
- Para fixar-se no lugar, aperte o parafuso prisioneiro.
- Per fissare sul posto, stringa la vite prigioniera.

## 20




**Align the arrows on the outside of the dome and lock.**

- Alinee las flechas en el exterior de la bóveda y trábese.
- Alignez les flèches sur l'extérieur du dôme et fermez à clef.
- Richten Sie die Pfeile auf der Außenseite der Haube aus und verriegeln Sie sich.
- Alinhe as setas na parte externa da abóbada e trave-as.
- Allinei le frecce sulla parte esterna della cupola e blocchi.

## 21

**Fasten down the dome with a Phillips screwdriver.**

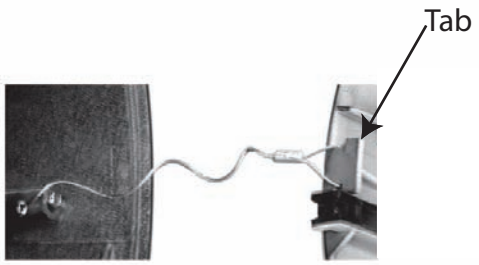
- Sujete abajo de la bóveda con un destornillador Phillips.
- Attachez en bas du dôme avec un tournevis Phillips.
- Befestigen Sie sich hinunter die Haube mit einem Kreuzkopfschraubenzieher.
- Prenda abaixo a abóbada com uma chave de fenda Phillips.
- Fissisi giù la cupola con un cacciavite "phillips".

## 22

**Wipe the dome clean.**

- Limpie la bóveda limpia.
- Essuyez le dôme.
- Wischen Sie die Haube sauber ab.
- Limpe a abóbada limpa.
- Asciughi la cupola.

## 23




**Loop the lanyard around the tab inside the housing.**

- Coloque el acollador alrededor de la lengüeta dentro de la cubierta.
- Faites une boucle la lanière autour de l'étiquette à l'intérieur du logement.
- Schlingen Sie die Abzuglinie um den Vorsprung innerhalb des Gehäuses.
- Dê laços no colhedor em torno da aba dentro da carcaça.
- Colleghi la cordicella in circuito intorno alla linguetta all'interno dell'alloggiamento.

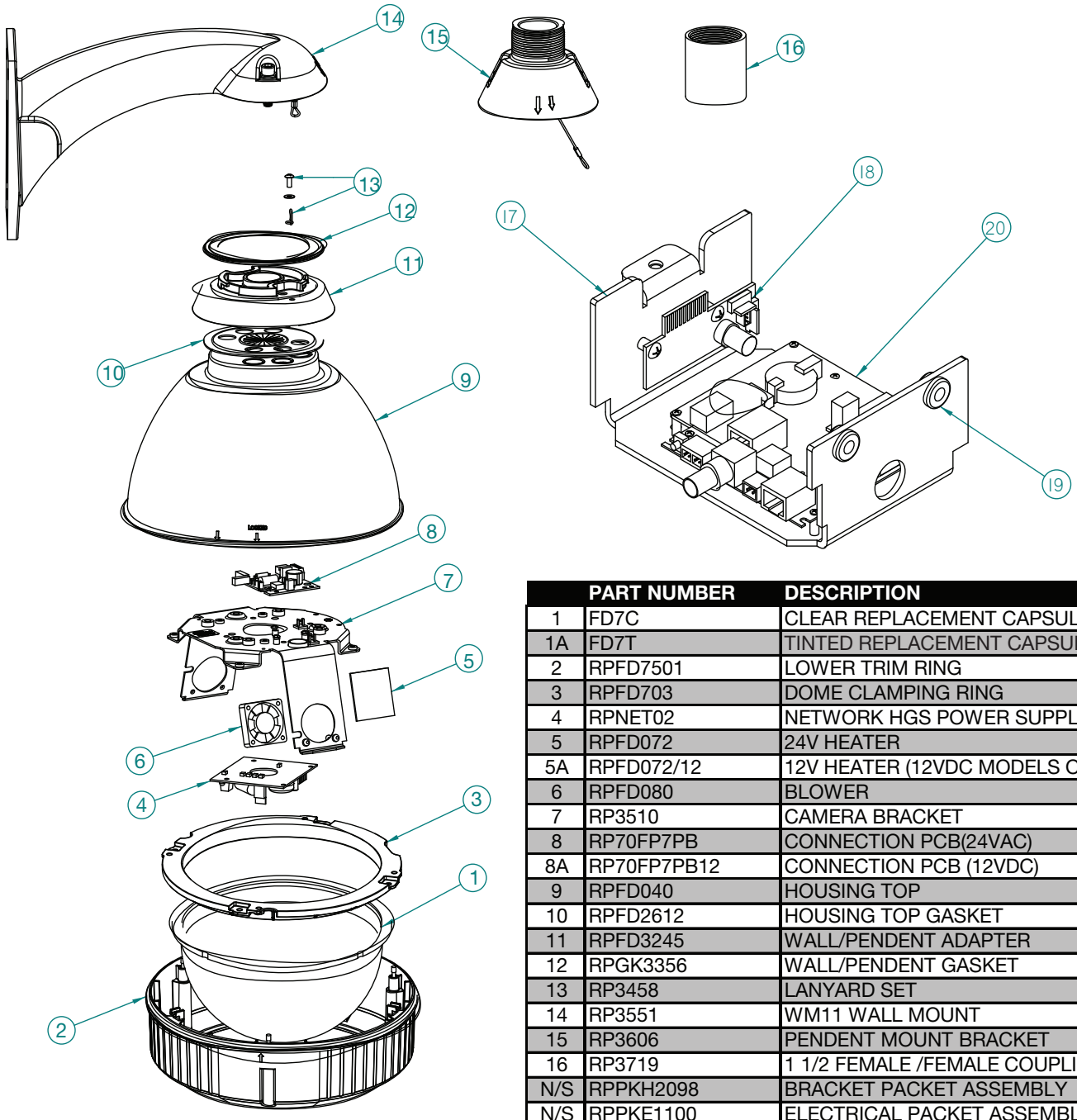
# PB24 Addendum

**Additional wires are provided to run power to PB24. Use with connector supplied. Run RJ45 connector through PB24, wall mount, and connect lead from housing.**

- Los alambres adicionales se proporcionan a la energía funcionada con a PB24. El uso con el conectador proveyó. Funcione con el conectador RJ45 con PB24, emparede el montaje, y conecte el plomo de la cubierta.
- Des fils additionnels sont fournis à la puissance courue à PB24. L'utilisation avec le connecteur a fourni. Courez le connecteur RJ45 par PB24, murez le bâti, et reliez le fil du logement.
- Zusätzliche Drähte zur Verfügung gestellt zu laufen gelassener Energie zu PB24. Gebrauch mit Verbindungsstück lieferte. Laufen lassen Sie Verbindungsstück RJ45 durch PB24, ummauern Sie Einfassung und anschließen Sie Blei vom Gehäuse n.
- Os fios adicionais são fornecidos ao poder funcionado a PB24. O uso com conector forneceu. Funcione o conector RJ45 com PB24, mure a montagem, e conecte a ligação da carcaça.
- I legare supplementari sono forniti a potere funzionato a PB24. L'uso con il connettore ha fornito. Faccia funzionare il connettore RJ45 con PB24, muri il supporto e colleghi il cavo da alloggiamento.

# Replacement Parts List

## FDW7CN-3




| | PART NUMBER | DESCRIPTION |
|---|---|---|
| 1 | FD7C | CLEAR REPLACEMENT CAPSULE |
| 1A | FD7T | TINTED REPLACEMENT CAPSULE |
| 2 | RPFD7501 | LOWER TRIM RING |
| 3 | RPFD703 | DOME CLAMPING RING |
| 4 | RPNET02 | NETWORK HGS POWER SUPPLY |
| 5 | RPFD072 | 24V HEATER |
| 5A | RPFD072/12 | 12V HEATER (12VDC MODELS ONLY) |
| 6 | RPFD080 | BLOWER |
| 7 | RP3510 | CAMERA BRACKET |
| 8 | RP70FP7PB | CONNECTION PCB(24VAC) |
| 8A | RP70FP7PB12 | CONNECTION PCB (12VDC) |
| 9 | RPFD040 | HOUSING TOP |
| 10 | RPFD2612 | HOUSING TOP GASKET |
| 11 | RPFD3245 | WALL/PENDENT ADAPTER |
| 12 | RPGK3356 | WALL/PENDENT GASKET |
| 13 | RP3458 | LANYARD SET |
| 14 | RP3551 | WM11 WALL MOUNT |
| 15 | RP3606 | PENDENT MOUNT BRACKET |
| 16 | RP3719 | 1 1/2 FEMALE /FEMALE COUPLING |
| N/S | RPPKH2098 | BRACKET PACKET ASSEMBLY |
| N/S | RPPKE1100 | ELECTRICAL PACKET ASSEMBLY |
| N/S | RPTRAN02 | 110 TO 24VAC WALL TRANSFORMER |
| 17 | RPVL2857 | PAN/TILT BASE BRACKET |
| 18 | RP76VL385A | PAN/TILT CONNECTION PCB |
| 19 | RP96PSGK08 | PANT/TILT GROMMET |
| 20 | RP76EN7401 | IP CARD |

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